

5 minutes
Do Now:

Tell me the coordinates of each point in the form of ordered pairs

(x , y)

G (,)

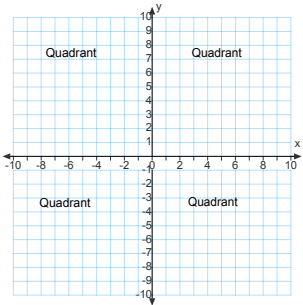
M (,)

B (,)

K (,)

N (,)

Dec 14-9:05 AM

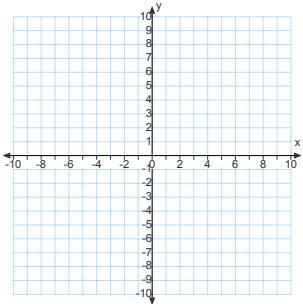


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Convert the following table to ordered pairs

x	y
-4	1
0	-5
3	-2
-3	-3
5	5


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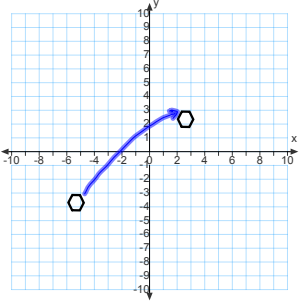
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Transformations

reflection about the y axis

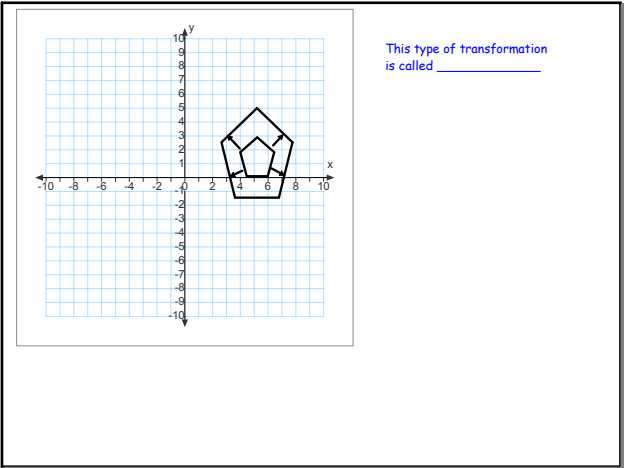


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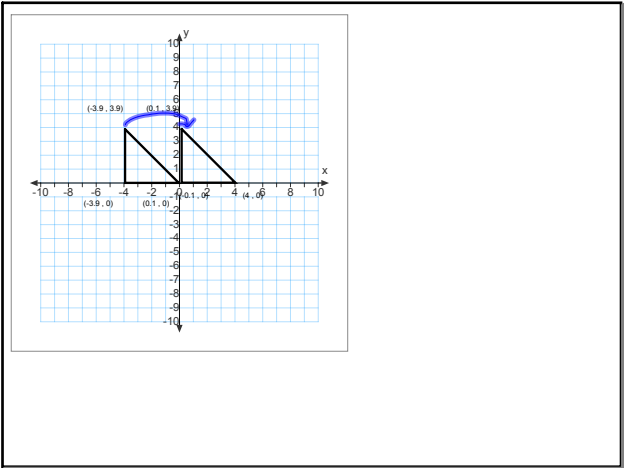


THIS TYPE OF TRANSFORMATION IS KNOWN AS _____

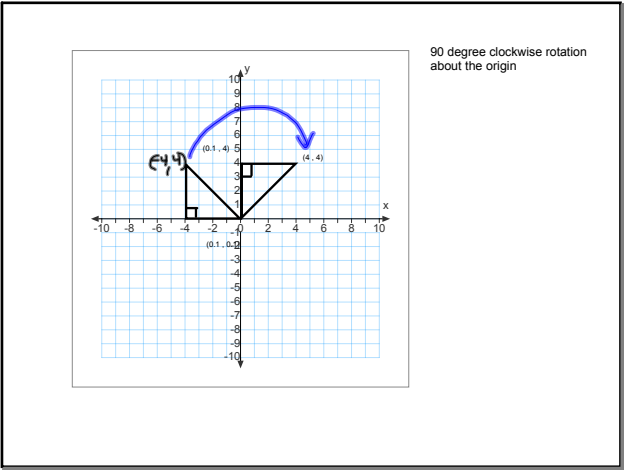
Dec 14-9:16 AM



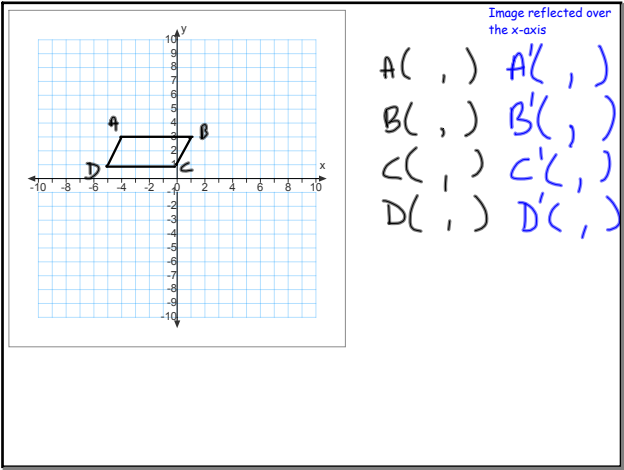
Dec 14-9:18 AM



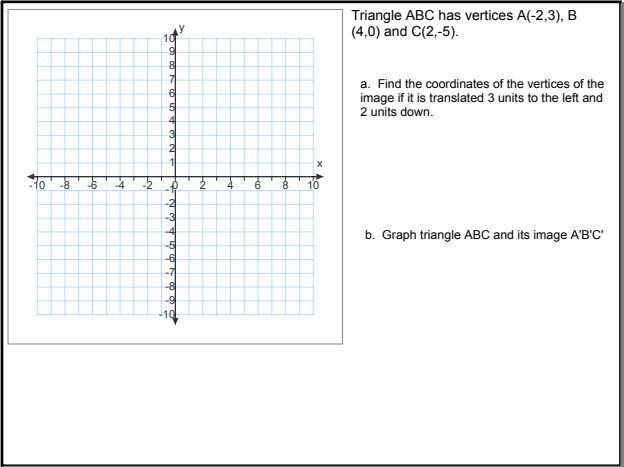
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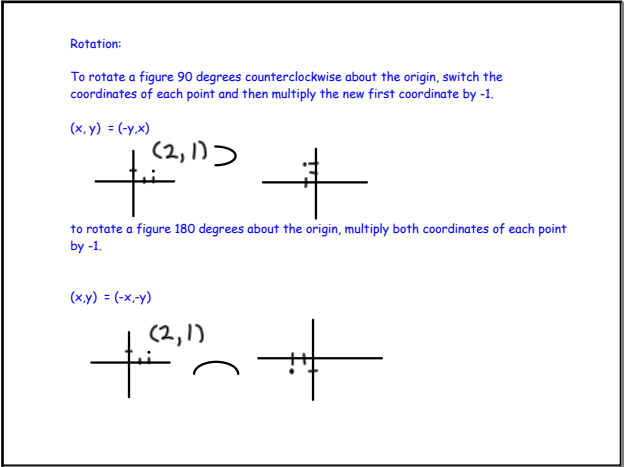
Dec 14-9:26 AM



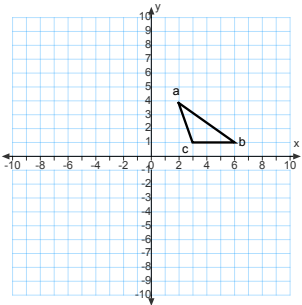
Dec 14-9:39 AM



Dec 14-10:31 AM



Dec 14-11:42 AM



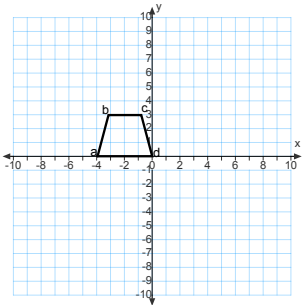
what are the coordinates of the vertices of triangle abc?

a (,) b(,) c(,)

If the triangle were rotated 180 degrees counterclockwise, what would the coordinates be?

a' (,) b' (,) c' (,)

Dec 14-11:57 AM



what are the coordinates of the trapezoid?

a(,) b(,) c(,) d(,)

If I translated a to (0,0), what would be the coordinates of b (,) c(,) and d(,)

Dec 14-11:59 AM

Homework 12/14/11:

Triangle FGH with F(-3,2) G(2,5) and H(6,3) is rotated 180 degrees about the origin.

a) Find the coordinates of the vertices of each figure after teh given transformation is performed

b) Graph the original triangle and the image after the rotation

Dec 14-12:16 PM